

MATERIAL SAFETY DATA SHEET

HARIKA BOILING POWDER

The MSDS has been prepared according to EU REGULATION (EU) 2015/830 dated 29.05.2015

Document Preparation Date: 18.11.2019

1-) PRODUCT AND PRODUCER IDENTIFICATION

1.1 PRODUCT IDENTIFICATION

Product Name: HARIKA BOILING POWDER

1.2 PRODUCT AREAS OF USAGE AND INADVISABLE USAGE AREAS

The product is suitable for laundry washing. Avoid from direct contact with eyes and mouth.

1.3 PRODUCER INFORMATIONS

Producer: DAĞLI TRADING LTD.

Prepared by: Nurdan KAYA (Chemical Engineer)

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1.4 EMERGENCY SITUATION LINE

International Poison Consultation Center (UZEM) : 114

Emergency Health Service : 112

2-) HARMFULNESS SPESIFICATION

2.1 PRODUCT CLASSIFICATION

Classification (28848 T.C.)

Physical and Chemical Hazards Not Classified

Human Health

Acute Tox. 4 H302

Eye Damage 1 H318

Environment

Not Classified

2.2 LABEL FACTOR

Labelling (28848 T.C.)



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Warning Instruction : Danger

Harmfulness Significations :

H302 Harmful in case of swallow

H318 Causes serious eye damage

Prevention Significations :

P280 Use protector glove/ protector cloth/ eyesprotector/
face protector.

P310 Call immediatelly UZEM numbered 114 or call doctor
P305+P351 +P338 In case of eye contact, rinse cautiously with
water for several minutes. Remove contact lenses, if present and easy to remove. Continue
rinsing.

2.3 OTHER HARMFULNESS

The product doesn't characterize as PBT and vPvT

3.INGREDIENTS OF THE PRODUCT

INCI Name	CAS Number	EINECS/ELICS Numbers	Function	Classification (According to SEA)	Concentration (%)*
SODIUM PERCARBORATE	15630-89-4	239-707-6	Bleaching agent oxidant	Acute Tox. 4 H302 Eye Damage 1 H318	%5-%15
Sodium carbonate, anhydrous	497-19-8	207-838-8	Buffering Bulking	Eye Irritation 2 H319	%5-15

*The exact percentage (concentration) of composition has been withheld as a trade secret.

The datas have been specified according to current E.U. and T.C. regulations.

4.FIRST AID PRECAUTIONS**4.1 EXPLANATION OF FIRST AID PRECAUTIONS**

General Informations:

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Apply general first aid, let rest, keep warm and provide fresh air. If the casualty is fainted, don't try to give anything to drink or eat.

In situation of resumption of sickness, apply to a doctor.

In case of inhalation: *Take patient to fresh air immediately if symptoms occur. If breathing has stopped, apply artificial respiration.*

In case of swallow: *Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.*

In case of skin contact: *Rinse with plenty of water. Get medical attention if symptoms occur.*

In case of eye contact: *Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.*

5. FIRE FIGHTING PRECAUTION

5.1 FIRE EXTINGUISHERS

Suitable Fire extinguishers: : CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Unsuitable Fire extinguishers: No information available

5.2 ESPECIAL DAMAGES

Not flammable or combustible.

5.3 ADVICES FOR FIRE EXTINGUISHERS

Especial methods for fire fighting:

Use presured air mask in situation of fire. Cool the equipments which affected from fire.

Protector equipments:

In case of fire, use independent inhalation gizmo and protection cloth.



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6. PRECAUTIONS AGAINST TO DIFFUSE AFTER ACCIDENT

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Avoid contact with eyes, skin, and clothing. Ensure adequate ventilation. Use personal protective equipment as required.

6.2 ENVIRONMENTAL PRECAUTIONS

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not allow product to enter storm drains, lakes, or streams.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods for Containment : *Prevent further leakage or spillage if safe to do so. Remove absorbed material by stripping into closed containers.*

Methods for Cleaning Up :

Stop leak if safe to do so. Contain spillage, and then collect with noncombustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

7. HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFELY HANDLING

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes, and clothing. Do not eat, drink, or smoke when using this product.

7.2 CONDITIONS FOR SAFELY STORAGE

Store away from children. Reclose cap tightly after each use. Store this product upright in a cool, dry area, away from direct sunlight and heat to avoid deterioration. Do not contaminate food or feed by storage of this product.

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8.EXPOSURE CONTROLS AND PERSONAL PROTECTIONS**Components with workplace control parameters**

Showers - Eyewash stations - Ventilation systems

Respiratory protection : No personal respiratory protective equipment normally required.

Remarks : For prolonged or repeated contact use protective gloves.

Eye protection : Wear safety glasses with side shields (or goggles) or face shield.

Skin and hand protection : Wear rubber or neoprene gloves and protective clothing such as long-sleeved shirt.

Respiratory protection : If irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash hands after direct contact. Do not wear product-contaminated clothing for prolonged periods. Remove and wash contaminated clothing before re-use. Do not eat, drink, or smoke when using this product.

9.PHYSICAL AND CHEMICAL PROPERTIES**9.1 INFORMATIONS ABOUT GENERAL FUNDAMENTAL PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Powder
Colour	White
Odour	Characteristic
Odour Threshold	Not determined
pH value @20°	Not determined
Melting point	Not determined
Boiling point	Not determined
Flashing point	Not flammable



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Evaporation rate (butyl acetate=1)	Not determined
Flammability	Not determined
Max/Min expolsing limits	Not explosive
VaporPressure (mmHg)	Not determined
Vapor Density (air=1)	Not determined
Solubility	Soluble
Distribution coefficient	Not determined
Inflammation temperature	Not determined
Degredation temperature	Not determined
Viscosity (SP4, 100 RPM, @20°C)(cp)	Not determined

10. STABILITY AND REACTION

10.1 REACTION: *There is no any known hazardous reaction.*

10.2 CHEMICAL STABILITY: *Stable under recommended storage conditions.*

10.3 POSSIBILITY OF HAZARDOUS REACTIONS: *None under normal processing.*

10.4 SITUATIONS TO AVOID: *None known based on information supplied.*

10.5 INCOMPATIBLE MATERIALS: *Carbon oxides.*

11. TOXICOLOGICAL INFORMATIONS**11.1 INFORMATION ON TOXICOLOGICAL EFFECTS****PRODUCT:**

Inhalation: *Health injuries are not known or expected under normal use.*

Eye contact: *Corrosive. Cause severe damage to eyes.*

Skin Contact: *Cause irritation to skin. Prolonged contact may cause burns to skin.*

Ingestion: *Cause gastrointestinal and respiratory tract, nausea, vomiting and diarrhea.*



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Acute oral toxicity: No information available

Acute dermal toxicity: No information available

Information on toxicological effects:

Symptoms : Cause redness and tearing of the eyes. Cause burns to eyes. Cause redness or burns to skin. Cause coughing.

Delayed and immediate effects as well as chronic effects from short and long-term exposure:

Sensitization: No information available.

Mutagenic Effects: No information available.

Carcinogenicity: No information available.

Reproductive Toxicity:No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Chronic Toxicity Carcinogenic potential is unknown.

Target Organ Effects Respiratory system, eyes, skin, gastrointestinal tract (GI).

Aspiration Hazard No information available.

COMPONENTS:

Sodium carbonate, anhydrous :

Acut toxicity oral LD50: >2000 mg/kg

Acut toxicity dermal LD50: >2000 mg/kg

Skin Contact: Not irritant on skin

Eye Contact: May cause irritation on eyes

Inhalation: Not irritant

STOT - single exposure: Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

STOT - repeated exposure : The information available on the product provides no indication of toxicity on target organs after repeated exposure.



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SODIUM PERCARBORATE:

Acut toxicity oral LD50: 1034 mg/kg

Acut toxicity dermal LD50: No information available

Skin Contact: Mild skin irritation. Repeated or prolonged exposure may cause dryness or cracking of the skin.

Eye Contact: Severe eye irritation. Risk of serious damage to eyes. May cause conjunctivitis. May cause corneal damage.

Inhalation: May cause respiratory tract irritation. May cause respiratory stimulation or depression. Repeated or prolonged exposure may cause sore throat and nosebleeds

STOT - single exposure: Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

STOT - repeated exposure : The information available on the product provides no indication of toxicity on target organs after repeated exposure.

12.ECOTOXICOLOGY INFORMATIONS

12.1 ECOTOXICITY

Very toxic to aquatic life with long lasting effects. This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. Do not allow product to enter storm drains, lakes, or streams.

12.2 PERSISTENCY AND BIODEGRADABILITY

No data available.

12.3 BIOACCUMULATIVE POTENTIAL

No data available.

12.4 MOBILITY IN SOIL

No data available.

12.5 RESULT of ASSESMENT of PBT and vPvT

No data available.

12.6 OTHER ADVERSE EFFECTS



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No data available.

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state/provincial and Federal regulations. Don't let to distribution into spring, land and sewage. The product is toxic for the organisms which live in the water.

14. TRANSPORT INFORMATIONS

Road Transportation RID/ADR : Not classified as dangerous for transport.

Sea Transportation: IMDG (Dangerous material transportation on the sea) Not classified as dangerous.

Air Transportation: IATA-DGR'ye (Dangerous material transportation on the air) Not classified as dangerous.

15. REGULATORY INFORMATIONS

15.1 SAFETY, HEALTY AND ENVIRONMENT REGULATION FOR MATERIALS AND MIXTURES

NATIONAL REGULATION

- *Turkey Republic Ministry of Environment and Urban Planning, the regulation about labelling and packing of materials and mixtures, 11 December 2013 dated, 28848 numbered.*
- *Ministry of Labour and Social Security, the regulation about safety measure and healthy on chemical materials, 12 August 2013 dated, 28733 numbered.*
- *Ministry of Labour and Social Security, the regulation about using personal protection materials at working place, 02 July 2013 dated, 28695 numbered.*
- *Ministry of Labour and Social Security, occupational health and safety law, 30 June 2012 dated, 6331 numbered.*

16. OTHER INFORMATIONS

16.1 THE ABRIDGMENTS IN THE MSDS

ADR: *Europe agreement about dangerous products' transportation on the road*



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ADN: Europe agreement about dangerous products' transportation by sea between continents

RID: Europe agreement about dangerous products' transportation by railway

IATA: International airway transportation association

CAS: Chemical hypothesis service

PBT: Permanent, bioaccumulative and toxic material

vPvT: So permanent, so bioaccumulative

ATE: Estimated acute toxicity dōşe

SEA: Classification, labelling, packing regulation

DNEL: Derivated non effect level

PNEC: Predicted non effect concentration

BHOT: Spesific target organ toxicity

16.2 ARRANGER

The MSDS has been aranged by: Nurdan KAYA

Expert no: TÜV/11.18.08

